

CLAIMS

1. A portable electronic apparatus, comprising:

a main unit,

5 a lid section fitted with a display unit for covering said main unit, and

an arm section pivoted rotatably at one end thereof in a rear end portion of said main unit for supporting said lid section rotatably and adjustably in height position.

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2. The portable electronic apparatus according to claim 1, wherein said arm section is telescopic.

3. The portable electronic apparatus according to claim 2,
15 wherein said main unit is provided with, in an upper portion on a front end side thereof, locking means for locking a lower edge portion of said lid section.

4. The portable electronic apparatus according to claim 2,
20 wherein said arm section has a clearance for, when said lid covers said main unit, allowing the both to be parallel to each other.

5. The portable electronic apparatus according to claim 2,
25 wherein said arm section includes a slide mechanism and a one-way brake mechanism that provides a small resistance in

the extension direction of the arm section and a brake force in the retraction direction thereof.

6. The portable electronic apparatus according to claim 5,
5 wherein said arm section contains a cable for connecting said main unit and said display unit, and has a winding mechanism for the cable.

7. The portable electronic apparatus according to claim 5,
10 wherein said arm section comprises a first arm section on said main unit side and a second arm section on said lid section side, said slide mechanism includes a rack, which is attached to one of either the first arm section or the second arm section, and a pinion, which is rotatably attached
15 to the other of either the first arm section or the second arm section so as to mesh with the rack; and the one-way brake mechanism, which provides a small resistance in the extension direction of said arm section and a brake force in the retraction direction thereof, is driven by the pinion.

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8. The portable electronic apparatus according to claim 7, wherein the winding mechanism of said cable is driven by said pinion.

25 9. The portable electronic apparatus according to claim 5, wherein said slide mechanism is driven by an electric motor.

10. The portable electronic apparatus according to claim 3,
further comprising a changeover switch, which functions when
the lower edge portion of said lid section is locked by said
5 locking means.

11. The portable electronic apparatus according to claim 2,
wherein said lid section includes a substantially
rectangular shaped pocket formed in the rear portion, and
10 said telescopic arm section includes the first arm section
on said main unit side and a second arm section on said lid
section side; the first arm section can be accommodated in
the second arm section in a nested manner, and the second
arm section can be accommodated by said pocket.

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12. The portable electronic apparatus according to claim 11,
wherein said main unit includes a locking means for locking
the lower edge portion of said lid section to the upper
portion on the front end side thereof.

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13. The portable electronic apparatus according to claim 12,
wherein said locking means is comprised of a locking bracket
having a ball socket at a tip end thereof provided, to be
rotatable within a predetermined angle, in slots formed at
25 both sides in the upper portion on the front end side of said
main unit, and a detent ball provided in slots formed in the

lower edge portion of said lid section can engage with the ball socket.

14. The portable electronic apparatus according to claim 1,
5 wherein said arm section is pivoted rotatably at the other end thereof through a slide mechanism slidably provided in the rear portion of said lid section.

15. The portable electronic apparatus according to claim 14,
10 wherein said main unit includes a locking means for locking the lower edge portion of said lid section in the upper portion on the front end side thereof.

16. The portable electronic apparatus according to claim 15,
15 wherein said arm section has a clearance for, when said lid covers said main unit, allowing the both to be parallel to each other.

17. The portable electronic apparatus according to claim 15,
20 wherein said slide mechanism includes a pair of guide rails provided in the rear portion of said lid section and a pair of sliders which slide along the pair of guide rails respectively, and further includes a holding means for holding the slider at a predetermined position.

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18. The portable electronic apparatus according to claim 17,

wherein said holding means includes dimples formed at predetermined intervals in at least one of said pair of guide rails and a detent ball provided in said slider.

5 19. The portable electronic apparatus according to claim 15, further comprising a change-over switch, which functions when the lower edge portion of said lid section is locked by said locking means.

10 20. The portable electronic apparatus according to claim 14, wherein said lid section has a pocket of a substantially rectangular shape formed in the rear portion, and said arm section can be received in the pocket.

15 21. The portable electronic apparatus according to claim 14, wherein said locking means is comprised of a locking bracket having a ball socket at a tip end thereof provided, to be rotatable within a predetermined angle, in slots formed at both sides in the upper portion on the front end side of said
20 main unit, and a detent ball provided in the slots formed in the lower edge portion of said lid section can engage with the ball socket.